

ROZKOS, M.; STERBA, F.; SFRBOVA, J.

A study of the $\text{Co}^{27}(\text{p},\text{n})$ reaction at $E_{\text{p}} = 5.75-6.39 \text{ MeV}$.
Chekhosl fiz zhurnal 15 no.3:151-157 '65.

1. Faculty of Technical and Nuclear Physics of the Czech
Higher School of Technology, Prague 1, Brehova 7. Submitted
April 6, 1964.

STERHOVA, M., inz.; STROPKOVIC, M., inz.

Changes in water composition at the site of the projected
Liptovska Mara and Vihorlat waterworks. Vejiri kresy 34 no. 2:
50 - 104.

PRAVS, E.; BRETTSCHEIDER, I.; KVEZDOVA, H.; STERBOVA, V.

The effect of lathyrogens on the cornea. The effect of beta-amino-propionitrile on the sulfation of acid mucopolysaccharides of the beef cornea in vitro. Cesk. oftal. 21 no.3:244-248 My '65.

. Laborator fyzicologie a patologie zrakového analyzatoru
Ceskoslovenskej akademie ved v Praze (vedouci: akademik J.Kurz).

VOTICKOVA, J.; FRAUS, E.; RVEVHOVA, H.; STERBOVA, V.; BRANTNEROVNA, I.

The significance of the arteriae temporalis and nasalis iridis
for the nourishment of the cornea. Cesk. oftal. 21 no.4:312-
317 Jl '65.

I. II. ocní klinika fakulty všeobecného lekarství Karlovy Uni-
versity v Praze (prednosta akademik J. Kurz) a Laborator fyzio-
logie a patologie zrakového analyzátoru Československé akademie
ved v Praze (vedoucí akademik J. Kurz).

VOTOCKOVA, J.; PRAUS, R.; SULCOVA, H.; STERBOVA, V.; BRETTSCHEIDER, I.

Studies on remote nutrition of the rabbit cornea after occluding
the arteria temporalis and arteria nasalis iridis. Cesk.
oftal. 22 no.1:28-32 Ja ' 66.

I. II. ocní klinika fakulty všeobecného lékařství Karlovy
University v Praze a Laborator fyziologie a patologie
zrakového analyzátora Československé akademie věd v Praze.

STERC, J.

Preliminary results with L.I.Kotliarevskii's method of investigation of conditioned reflexes in rats. Chekh. fiziol. 3 no.3:348-354 1954.

1. Pharmakologisches Institut der medizinischen Fakultat der Karls-Universitat, Prag.

(REFLEX, CONDITIONED,
motor digestive technic in rats)

STERC, Jaroslav MUDr.

Orientation effect of typhoid toxins on the conditioned reflexes in
white rats. Cas. lek. cesk. 94 no.8:197-201 18 Feb 55.

1. Z farmakologického učstvu lek. fak. v Praze; predn. prof. dr.
Boh. Polák

(REFLEX, CONDITIONED, effect of drugs on
typhoid toxins, orientation eff. in white rabbits)

(CENTRAL NERVOUS SYSTEM, effect of drugs on
typhoid toxins in white rabbits)

(TYPHOID FEVER
toxins, eff. on CNS in white rats)

STERC, Jaroslav

New creative approach to the study of the higher nervous activity.
Cas. lek. cesk. 96 no.47:151-155 22 Nov 57.

1. Fisiologicky ustav CSAV, Praha XIX, Na Cvicisti 2.
(CENTRAL NERVOUS SYSTEM, physiology,
higher nervous activity (Cz))

STERC, J.

Effect of interventions on the cerebral cortex in audiogenic seizures in rats. Cesk. fysiol. 7 no.3:197-199 May 58.

1. Fysiologicky ustav CSAV, Praha.

(CONVULSIONS, exper.

audiogenic seizures, eff. of cortical lesions in rats (Cz))

(NOISE, eff.

same)

(CEREBRAL CORTEX, physiol.

eff. of exper. lesions on audiogenic seizures in rats (Cz))

CHOCHOLLOVA, L.; STEPC, J.

Analysis of cortical processes in rats sensitive and not sensitive to acoustic epileptogenic stimuli. Cesk. fysiol. 7 no.5:479-480 Sept 58.

1. Fysiologicky ustav CSAV, Praha.

(NOISE, effects,
audiogenic epilepsy, conditioned reflex analysis of cortical
processes in sensitive & non-sensitive rats (Cz))

(CONVULSIONS, experimental,
same)

(REFLEX, CONDITIONED,
determ. of cortical processes in rats sensitive & not sensi-
tive to acoustic epileptogenic stimuli (Cz))

CHOCHOLOVA, L.; STMRC, J.

Analysis of artificial epileptogenic focus using conditioned reflex methods. Cesk. fysiol. 8 no.2:128-129 Mar 59.

1. Fysiologicky ustav CSAV, Praha, Predneseno na III. celostatni konferenci Neurologicke spolecnosti dne 9. rjna 1958 v Karlovych Varech.

(CEREBRAL CORTEX, physiol.

exper. epileptogenic lesion in rats, conditioned reflex analysis (Cz))

(REFLEX, CONDITIONED, analysis of exper. epileptogenic cerebrocortical lesion (Cz))

(CONVULSIONS, exper. same)

CHOCHOLLOVA, L.; STERC, J.

Studies on the relationship between reflex audiogenic epilepsy and experimental neuroses in rats. Cesk. fysiol. 8 no.2:141 Mar 59.

1. Fysiologicky ustav CSAV, Praha. Predneseno na I. celostatnim sjezdu Cs. spolecnosti dne 24. 11. 1958 v Marianskych Laznich.

(NEUROSES, exper.

relation to reflex audiogenic epilepsy (Cz))

(NOISE, eff.

relation of audiogenic epilepsy to exper. neuroses (Cz))

(CONVULSIONS, exper.

same)

STERC, J.

Correlation between certain tests of motor dominance in rats. Cesk.
fysiol. 8 no.3:251-252 Apr 59.

1. Fysiologicky ustav CSAV, Praha. Predneseno na III. fysiologickych
dnech v Brne dne. 14. 1959.

(CONVULSIONS, exper.

motor dominance in audiogenic convulsions in rats (Cz))

(NOISE, eff.

name)

STERC, J.

Analysis of the latent phase of audiogenic convulsions in rats by
means of the conditioned reflex method. Cesk.fysiol. 9 no.3:271-272 .^{u,k}

1. Fysiologicky ustav CSAV, Praha
(REFLEX CONDITIONED)
(CONVULSIONS exper)

NOVAKOVA, V.; STERC, J.; FALTIN, J.

The role of sodium chloride in the excitability of the central nervous system of the rat. Physiol. Bohemoslov. 12 no.4:317-324 '63.

1. Institute of Physiology, Czechoslovak Academy of Sciences,
Prague.

(SODIUM CHLORIDE) (CONVULSIONS) (ELECTRICITY)
(CENTRAL NERVOUS SYSTEM) (PENTYLENETETRAZOLE)
(ELECTROENCEPHALOGRAPHY) (REFLEX, CONDITIONED)
(PHOTOMETRY) (SODIUM) (POTASSIUM)
(DIET, SALT-FREE)

CZECHOSLOVAKIA

BAUER, J.; NOVAKOVA, V.; STERC, J.; Department of Physiology,
Czechoslovak Academy of Sciences ("Fysiologicky stav CSAV"), Prague.

"Role of Dietary Iodide on Higher Nervous Activity in Rats."

Prague, Ceskoslovenska Fysiologie, Vol 14, No 5, Oct 1965; p 338-339.

Abstract: Potassium iodide as feed additive was found to have a greater role than the type of diet in rats fed 4 diets differing in the percentage of fat, carbohydrates and proteins. Graph, 2 Czech references. Paper presented at the 15th Physiology Days, Olomouc, 26 May 65.

1/1

L 12937-66

ACC NR: AP6005641

SOURCE CODE: CZ/0079/65/007/002/0146/0147

21

B

AUTHOR: Sterc, J.; Novakova, V.; Faltin, J.

ORG: Institute of Physiology, Czechoslovak Academy of Sciences, Prague

TITLE: Importance of NaCl and KCl in food for central nervous excitability in rats
[This paper was presented at the Third Interdisciplinary Conference on Experimental
and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to
23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 146-147

TOPIC TAGS: sodium chloride, potassium chloride, rat, central nervous system,
conditioned reflex, EEG, nervous system drugABSTRACT: Electroshock threshold was measured on the 12th, 19th,
29th, 70th, and 200th day of the experiment. With hyposodium
diet the seizure susceptibility to electroshock was increased on
the 29th and 70th days with prevalent tonic convulsions. Seizure
susceptibility of rats on potassium diet did not differ from that
of controls. Forming of conditioned reflexes was compared after
the 29th day. Controls needed an average of 62 ± 7 connections,
those on hyposodium diet 146 ± 19 , for potassium diet the figure was
 130 ± 6 . After sensitization of rats with cardiazol, EEG of rats on
a hyposodium diet showed a higher incidence of spontaneous spike
activity; K nearly compensated the values of the controls. Conditioned
reflex activity is a very good indicator of changes in central nerv-

Card 1/2

L 12937-66

ACC NR: AP6005641

ous functions. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002 / OTY REF: 002

Card 2/2 Hw

STERC, Pavel; PAVIAS, Milan

Designs of commercial aircraft. Tech praca 15 no. 12:
960-964 D '63.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653230004-7

STERC, Pavel

Adjusting the wings during flight. Latecky obzor 8 no.2:56 F '64.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653230004-7"

STERE, Pavel

Aeronautics and information. Letecky obzor č. no. 4:111
Ap '64.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653230004-7

STERE, Pavel

Five stages of the K-20 Project. Tech praca 16 no. 61434-436
je '64.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653230004-7"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653230004-7

STERC, Pavel

Prospect of flying cranes. Letecky obzor 8 no.9:265 S '64.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653230004-7"

STING, Ravel

Realistic prospects of air transportation. Tech press 17 no.4:
281-282 Ap '65.